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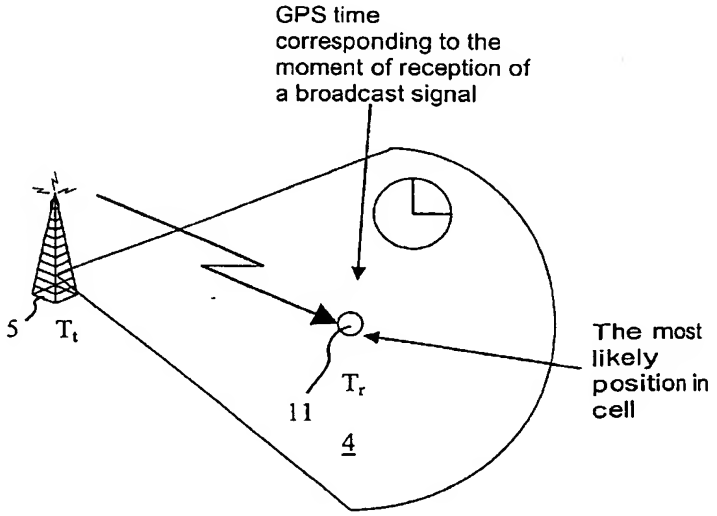
(54) Title: PROVISION OF LOCATION INFORMATION



(57) Abstract: A method of providing information regarding the location of a mobile user equipment (1) in a system wherein the location is determined based on information signalled from entities (10) of a positioning system and assistance data signalled from a station (5) of a communication system. In the method the likely location of the mobile user equipment relative to the station is first determined. Based on the determined likely location, an estimate of the delay in transmitting a signal from the station to the mobile user equipment is estimated. Assistance data is then signalled from the station to the mobile user equipment, said assistance data comprising information about the timing of the positioning system. A more accurate location determination is accomplished at the user equipment based on signals from the entities of the positioning system, the assistance data and said estimated delay.

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